

ABSTRACT OF THE DISCLOSURE

This invention provides a perpendicular magnetic recording type disk drive comprised of a double-layered disk medium and a magnetic head containing a read head element containing a GMR element. The GMR element has a linear response dynamic range characteristic larger than an average value of a reproduction magnetic field from a disk 101 and a characteristic capable of avoiding or suppressing saturation phenomenon even if it is affected by a strong reproduction magnetic field from the disk medium.